GROUP 34

REAR SUSPENSION

CONTENTS

Main Index
Group TOC

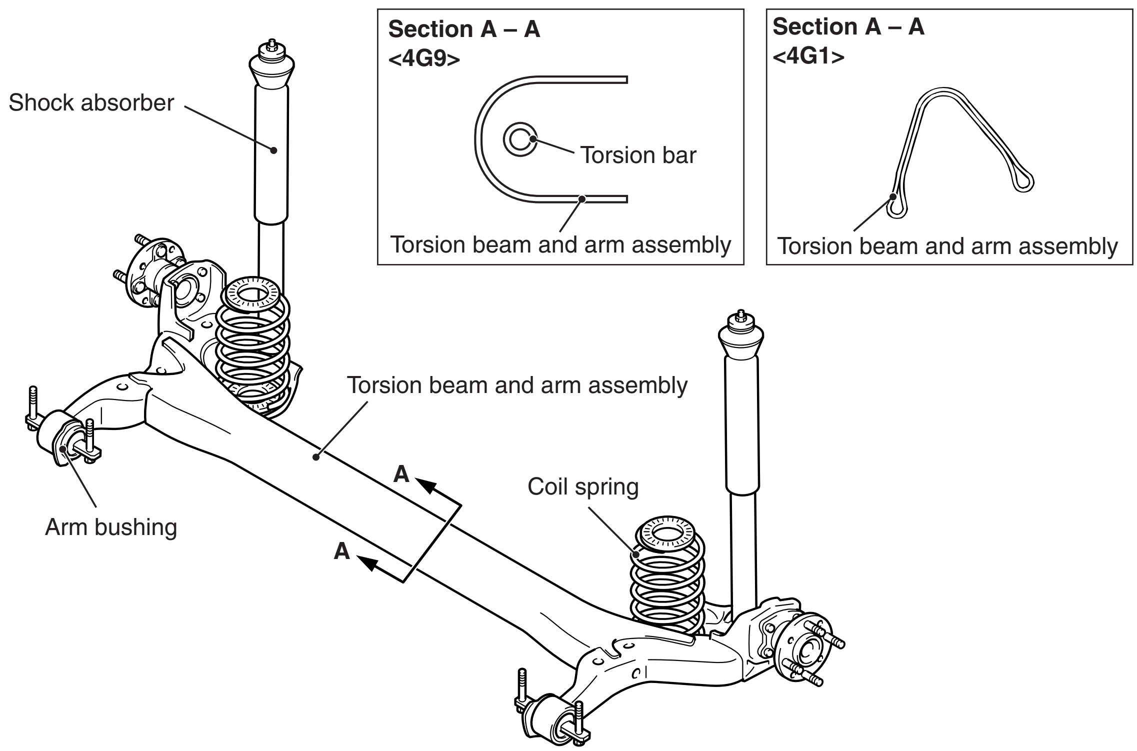
GENERAL INFORMATION

M2340000100825

Newly developed H-shaped torsion beam type suspension has been introduced.

- The coil spring is installed under the rear floor, the torsion beam and arm assembly is installed in front of the spare tyre house, and the shock absorber is installed outside, so that the large cabin space is achieved.
- The arm bushing with the toe control function is adopted to optimise the tyre steering angle using the bushing deflection caused by lateral force and longitudinal force generated at cornering, so that the good cornering performance is secured.
- The layout of shock absorber is optimised for smooth riding.
- Long wheel stroke secures sufficient road holding quality.
- The hub-integrated unit bearing is adopted for the wheel bearing for sufficient suspension rigidity (Refer to GROUP 27, Rear Axle P.27-2).
- The dumping characteristic of shock absorber has been changed. <4G1>
- The urethane bump stopper has been adopted to improve the linearity. <4G1>
- Torsion beam rigidity has been improved <4G1>

CONSTRUCTION DIAGRAM



AC405533 AD

Main Index
Group TOC

SPECIFICATIONS

SUSPENSION SYSTEM

Item	Specification
Suspension type	Torsion beam suspension

WHEEL ALIGNMENT

Item		Specification
Camber		–1°
Toe-in	At the centre of tyre tread mm	3
	Toe-angle (per wheel)	0°09'

COIL SPRING

Item	4A9	4G1
Wire diameter mm	10	11
Average outside diameter mm	75 – 107 – 75	111
Free length mm	301	283